## 

## **INDEX OF CLAIMS**

| Rejected                                       | N Non-elected  |
|--|----------------|
| = Allowed                                      | I Interference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal       |
| ÷ Restricted                                   | O Objected     |

| Cin        | im       | m Date                                 |  |                                      |              |                                      |  |              |  |  | ſ.             | Claim Date |          |          |          |  |  |  |  |  | $\neg$   | ſ        | Cłai                                   | m             | Date |       |             |          |  |          |                 |                |  |          |          |          |
|------------|----------|--|--|--------------------------------------|--------------|--------------------------------------|--|--------------|--|--|----------------|------------|----------|----------|----------|--|--|--|--|--|--|----------|--|---------------|------|-------|-------------|----------|--|----------|-----------------|----------------|--|----------|----------|----------|
|            |          |  |  |                                      |              | F                                    |  | _            |  |  |                |            |          |          |          |  |  |  | F  | $\neg$   |  | Т        |  |               | Ŧ    |       |             |          | _                                      | _        |                 |                |  |          |          |          |
| Final      | Original | 5/3//03                                |  |                                      |              |                                      |  |              |  |  |                |            | Final    | Original |          |  |  |  |  |  |  |          |  |               |      | Final | Original    |          |  |          |                 | Ì              |  |          |          | I        |
| H          | 띪        | Ĵ                                      |  |                                      |              |                                      |  |              |  | $\dashv$                               | {              | -          |          | 51       | $\dashv$ | $\dashv$   | $\dashv$   | -  |  |  | $\dashv$   | +        | +                                      | 4             | ŀ    |       | 101         | -        | -                                      | $\dashv$ | $\dashv$        | $\dashv$       | ╛                                      | $\dashv$ | $\dashv$ | _        |
|            | 7        |  | _                                      | <u> </u>                             | _            | <u> </u>                             | -                                      | -            |  | -                                      | $\dashv$       | ┟          |          | 52       | -+       |  |  | $\dashv$   |  |  | $\dashv$   |          |  | $\dashv$      | F    | -     | 102         | +        | $\vdash$                               | $\vdash$ |                 | <del>- i</del> | -                                      |          | -        | _        |
| H          | 3        | 4                                      |  | <u> </u>                             | -            |                                      | -                                      | -            | $\vdash$   |  |                | H          | $\dashv$ | 53       | $\dashv$ | $\dashv$   | $\dashv$   | <u>-</u> -                                       |  |  | -  | $\dashv$ | $\dashv$                               | ᅱ             | -    | -     | 103         | ┼        | -                                      | Н        | $\dashv$        | $\dashv$       | -                                      |          | -        |          |
|            |          | 7                                      | <u> </u>                               |                                      | _            |                                      | _                                      | _            | Н  | Н                                      |                | - 1        | 4        |          | -        |  |  |  | -  |  | $\dashv$   | -        |  |               | _    | 1     | 104         | +        | $\vdash$                               | -        | -               | $\dashv$       |  |          |          |          |
| $\vdash$   | 5        | 7                                      |  | -                                    | -            |                                      | -                                      |              | Н  | $\vdash$                               | $\dashv$       | - }-       |          | 54<br>55 |          | -  | ┥  | -  | $\dashv$   | $\dashv$   |  |          | $\dashv$                               | ᅥ             | -    |       | 105         | ┼        | -                                      | Н        | $\dashv$        | -              | $\dashv$                               | $\dashv$ |          |          |
| $\vdash$   |          | V                                      |  | <u> </u>                             | -            |                                      |  |              | _  |  |                | - 1        | -        | 56       |          | ⊣  | ┥  | -  | $\dashv$   | $\dashv$   | $\dashv$   | -        | $\dashv$                               |               | -    | _     | 106         | ╁        | $\vdash$                               |          |                 | _              | $\dashv$                               | -        | -        | _        |
| $\vdash$   | 7        |  |  | -                                    | -            | -                                    | -                                      | -            | $\vdash$   |  | Н              | - 1        | -        | 57       | -        |  |  | $\dashv$   | $\dashv$   | $\dashv$   | $\dashv$   |          | -                                      | $\dashv$      | -    |       | 107         | ╁        | -                                      | -        | $\dashv$        |                |  | ┪        | _        | -        |
| $\vdash$   | 8        | Ż                                      | ⊢                                      | 1                                    | -            |                                      | $\vdash$                               | H            |  |  | $\dashv$       |            | _        | 58       | -+       | $\dashv$   |  |  |  |  | -  | $\dashv$ | $\dashv$                               | -             | H    | 1     | 108         | +        | -                                      | $\vdash$ | $\dashv$        | $\dashv$       | $\dashv$                               | $\dashv$ | _        | $\vdash$ |
| $\vdash$   | _        | 7                                      | 70                                     |                                      |              |                                      | <u> </u>                               | H            | <u> </u>   | $\vdash$                               | $\dashv$       | ŀ          | -        | 59       |          |  |  | -  | $\dashv$   | _  | $\dashv$   |          |  |               | -    | →     | 109         | ╁        | ⊢                                      | -        |                 |                |  | $\dashv$ |          | $\vdash$ |
| $\vdash$   |          | 4                                      | -                                      |                                      |              | _                                    | _                                      | ⊢            | -  | $\vdash$                               | Н              | -          |          | 60       | $\dashv$ | $\dashv$   | -  |  |  |  |  | $\dashv$ | $\dashv$                               | $\dashv$      | F    |       | 110         | ┼        | -                                      | -        |                 | $\dashv$       | -                                      |          |          | ┢        |
| -          | 10<br>11 |  | ┢                                      | ⊢                                    | _            | ├                                    | -                                      | -            | -  | $\vdash$                               | Н              | ŀ          | -        | 61       |          | -  |  | $\dashv$   | $\dashv$   | $\dashv$   | $\dashv$   |          |  | {             | -    |       | 111         | +        | ╁                                      |          |                 | $\dashv$       | $\dashv$                               | _        | -        | H        |
| -          | 12       | V                                      |  | -                                    |              |                                      | ⊢                                      | -            | -  | -                                      | $\vdash$       |            | -        | 62       | $\dashv$ | $\dashv$   | $\dashv$   |  |  | -  |  |          | $\dashv$                               | -             | ŀ    |       | 112         | +-       | -                                      | $\vdash$ | Н               |                | ᅱ                                      |          |          | -        |
| $\vdash$   |          | Н                                      | -                                      | ├                                    |              |                                      |  | Ь—           | <u> </u>   | H                                      | Щ              |            | _        | 63       | $\dashv$ |  |  | $\dashv$   | $\dashv$   | -  | -  | -        |  | $\dashv$      | -    |       | 113         | <b>.</b> | ├                                      |          | Н               | -              |  | $\dashv$ |          | H        |
| $\vdash$   | 13       |  |  | ļ                                    |              |                                      | <del> </del>                           | Н—           |  | H                                      | Щ              | -          |          |          |          | $\dashv$   |  | $\dashv$   | $\dashv$   | $\dashv$   | $\dashv$   |          |  | $\dashv$      | -    | _     |             | +        | $\vdash$                               | $\vdash$ | ├─┤             | $\dashv$       | -                                      | -        | —        | $\vdash$ |
| $\vdash$   | 14       | -                                      | <u> </u>                               | <u> </u>                             | <u> </u>     | <u> </u>                             | ⊢                                      |              | <b> </b>   |  | $\vdash$       | -          | $\dashv$ | 64<br>65 |          |  |  |  | $\dashv$   | $\dashv$   | $\dashv$   | 4        | $\dashv$                               |               | -    | _     | 114<br>115  | +-       | -                                      | $\vdash$ | H               |                | $\vdash$                               |          |          | -        |
| <u> -</u>  | 15       | <u> </u>                               | <u> </u>                               | <u> </u>                             |              |                                      |  | ⊢            |  |  |                |            |          |          | -        | _  | _  | $\dashv$   |  |  | -4   |          | $\dashv$                               | $\dashv$      | H    |       | _           | +-       |  |          | $\vdash$        | $\dashv$       |  |          | _        | ┝        |
| <u> </u>   | 16       | $\vdash$                               |  | <u> </u>                             | L            | $\vdash$                             | <u> </u>                               | ├            | <u> </u>   | -                                      | Щ              |            | -        | 66       |          |  | _  | $\dashv$   | -  | -4   | -  |          |  |               | -    | _     | 116<br>117  | +-       | ₩                                      | ⊢        | $\vdash \dashv$ | $\dashv$       | $\vdash$                               | -        | _        | $\vdash$ |
| <u> </u>   | 17       |  | -                                      | -                                    | _            | <u> </u>                             | <u> </u>                               | ⊢            | <u> </u>   | <u> </u>                               |                | -          | _        | 67       | -        | _  |  | -  |  | _  | -  | -        | $\dashv$                               | $\dashv$      | -    | _     | <del></del> | +-       | ╁                                      | -        | Н               | -              |  |          |          | ⊢        |
| <u></u>    | 18       | _                                      | <u> </u>                               | <u> </u>                             |              | _                                    | <u> </u>                               | <u> </u>     | <u> </u>   |  |                |            | _        | 68       |          |  |  | $\vdash$   | _  |  | -  |          | $\dashv$                               |               | -    | -     | 118         | +        | ╀                                      | ⊢        | Н               | $\dashv$       |  |          |          | ⊬        |
| _          | 19       | _                                      | L                                      | <u> </u>                             | _            | <u>L</u> .                           | <u> </u>                               | _            |  | ļ                                      | Ш              |            |          | 69       |          | _  |  | Н  |  |  |  | _        | -4                                     | 4             | ŀ    | _     | 119         | +        | -                                      | ▙        | Н               | _              |  |          | _        | ⊢        |
|            | 20       |  |  |                                      |              |                                      | _                                      |              |  |  |                |            |          | 70       | Ш        |  |  |  |  |  |  |          | Ш                                      | Ц             | L    |       | 120         | 1        | <u> </u>                               | _        |                 |                |  |          |          | L        |
|            | 21       |  |  |                                      |              |                                      | <u></u>                                |              |  | <u>L</u>                               |                |            |          | 71       |          | _  |  |  |  |  |  |          |  | _             | Ļ    | _     | 121         | ↓_       | <u> </u>                               | L.       |                 |                |  |          | _        | _        |
|            | 22       |  |  |                                      |              | _                                    | L_                                     |              |  |  |                |            |          | 72       |          |  |  |  |  |  |  |          | Щ                                      | Ц             |      |       | 122         | ┷        | <u> </u>                               | $oxed{}$ |                 |                |  | Ш        |          | L        |
|            | 23       |  |  |                                      |              |                                      | ]                                      |              | <u> </u>   |  |                |            |          | 73       |          |  |  | L  |  |  |  | _        |  | Ц             | 1    | _     | 123         | $\perp$  | <u> </u>                               | <u> </u> | Ш               |                |  | <u> </u> |          | L        |
|            | 24       |  |  |                                      |              |                                      | <u></u>                                | <u></u>      |  |  |                |            |          | 74       |          |  |  |  |  |  |  |          |  | Ш             | ļ.   |       | 124         |          | _                                      | <u>_</u> |                 |                | _                                      | L        | _        | L        |
|            | 25       |  |  |                                      |              | <u> </u>                             |  | <u> </u>     |  |  |                |            |          | 75       |          |  |  |  |  |  |  |          |  |               | ļ.   |       | 125         | 1        |  | <u> </u> |                 | L              | <u> </u>                               |          | L        | 1_       |
|            | 26       |  |  | <u>l</u>                             |              |                                      |  |              |  | <u> </u>                               |                | l L        |          | 76       |          |  |  |  |  |  |  |          |  |               |      |       | 126         |          | ļ                                      |          | <u> </u>        |                | <u> </u>                               | <u> </u> | _        | L        |
|            | 27       |  |  |                                      |              |                                      |  |              |  |  |                | l          |          | 77       |          |  |  |  |  |  |  |          |  |               |      |       | 127         |          | _                                      | <u> </u> | <u> </u>        |                |  | l        | L        | L        |
|            | 28       |  |  |                                      |              |                                      |  |              |  |  |                | . [        |          | 78       |          |  | _  |  |  |  |  |          |  |               |      | _     | 128         | $\perp$  | L                                      |          | <u> </u>        | L              |  | _        | L        | ┖        |
|            | 29       | Π                                      | Π                                      |                                      | Γ            |                                      | I -                                    |              |  |  |                | [          |          | 79       |          |  |  |  |  |  |  |          |  |               |      | _     | 129         | $\perp$  |  |          |                 | L              |  | L        | L        | L        |
| $\Gamma$   | 30       |  | 1                                      |                                      |              |                                      | ]                                      |              |  |  |                |            |          | 80       |          |  |  |  |  |  |  |          |  |               |      |       | 130         |          | _                                      | <u> </u> |                 |                |  |          |          | L        |
|            | 31       |  | ]                                      | 1'''                                 | ]            | ]                                    | ]                                      |              | I  |  |                |            |          | 81       |          |  |  |  | L  |  |  |          |  | Ш             | L    |       | 131         |          | 1                                      |          |                 |                | <u> </u>                               | <u>_</u> | L        | L        |
| Г          | 32       |  |  | 1                                    |              |                                      |  | Π            |  |  | ]              | ] [        |          | 82       |          |  |  |  |  |  |  |          |  | ]_]           | - [  |       | 132         |          |  | <u> </u> |                 | _              | _                                      |          | _        | _        |
| Г          | 33       |  | П                                      |                                      |              |                                      |  |              |  |  |                | ]          |          | 83       |          |  |  |  |  |  |  |          |  |               | Į    |       | 133         |          | _                                      | _        | _               |                |  | <u> </u> | L        | L        |
|            | 34       |  |  |                                      |              |                                      | Γ                                      | $\Box$       |  |  | $\Box$         | ] [        |          | 84       |          |  |  |  |  | $\Box$   |  |          |  | $\Box$        |      |       | 134         |          |  | _        | 1_              |                | _                                      | _        | L        | 1_       |
|            | 35       |  |  |                                      | $\Gamma$     |                                      |  |              |  |  | L              | ] [        |          | 85       | Ĺ        |  | L  |  |  |  |  |          |  |               |      |       | 135         |          |  |          |                 | L              |  | L        | Ĺ        | 1        |
|            | 36       |  | Γ                                      | :                                    |              |                                      |  |              |  |  |                | ] [        |          | 86       | L        |  |  |  | Ĺ  |  |  |          |  |               |      |       | 136         |          |  |          |                 | <u></u>        | <u>_</u>                               |          |          | L        |
|            | 37       |  | П                                      | 1                                    |              |                                      |  | Ι.           |  |  |                | ] [        |          | 87       |          |  |  |  |  |  |  |          |  |               |      |       | 137         |          | 1                                      | _        |                 | _              | <u> </u>                               |          |          | L        |
|            | 38       |  | Γ                                      | 1                                    | Γ            | $\Gamma$                             |  |              |  |  | $L^-$          |            |          | 88       |          | L  | L  |  |  |  |  |          |  |               |      |       | 138         |          |  |          | 1_              | <u></u>        | _                                      | <u> </u> | $\perp$  | L        |
|            | 39       | Γ                                      | Г                                      |                                      | Γ            | Γ                                    | Ι                                      | Ι            |  |  |                | ]          | _        | 89       |          |  |  | L  |  |  |  |          |  |               |      |       | 139         |          |  |          |                 |                |  | L        | L        | L        |
|            | 40       | Г                                      | Γ                                      | Γ                                    | Γ            | Γ                                    | Γ                                      |              |  | Γ                                      | Γ              |            |          | 90       |          | 1  |  |  | _  |  |  |          |  |               |      |       | 140         |          |  | 1        | L               | L              | L                                      | L        | L        | 1        |
| <b>†</b> · | 41       | 1                                      | 1                                      | 1-                                   | 1-           | 1                                    | 1-                                     | 1-           | 1  | 1-                                     | 1              | 1          |          | 91       | 1        | Γ  |  | П  | Π  |  |  |          |  | П             |      |       | 141         | 1        | 1                                      |          |                 | Π              | 1                                      | Π        | Г        | Τ        |
|            | 42       |  | $t^{-}$                                | t                                    | t            | $t^{-}$                              | t                                      | 1            | <del>                                     </del> | +                                      | 1              | 1          |          | 92       | <u> </u> | T  |  | 1  | Г  |  | <del>                                     </del> |          | 1                                      | П             |      |       | 142         | 1        | †                                      |          | T               | 1              | Г                                      |          | 1        | 1        |
| $\vdash$   | 43       |  | 1                                      | $t^-$                                | H            | $\vdash$                             | 1                                      | 十            | f  | 十                                      | 1-             | 1          |          | 93       |          | _  | 1  | 1  |  | 1  | 1  |          | 1                                      | 1-1           |      |       | 143         | 1        | 1                                      | 1        | 1               | 1              | Π                                      | T        | T        | †        |
| -          | 44       | 4                                      | 1-                                     | +                                    | 1            | ╁                                    | +                                      | 1-           | <del> </del>                                     | +-                                     | t              | 1          |          | 94       |          | <del>                                     </del> | <del>                                     </del> | 1  | 1  | 1  |  |          | 1                                      | 1             |      |       | 144         | 7        | 1-                                     | 1-       | 1               | 1              | 1_                                     | 1-       | 1-       | 1        |
| $\vdash$   | 45       |  | ┢                                      | +-                                   | 1-           | ╁                                    | ╁╌                                     | +-           | t  | $\vdash$                               | 1-             | 1          | _        | 95       |          | <del>                                     </del> | $\vdash$   | <del>                                     </del> | -  | <del> </del>                                     | <del>                                     </del> | -        | $\vdash$                               | $\vdash$      |      |       | 145         | $\top$   | +                                      | +        | 1-              | $t^{-}$        | $\vdash$                               | 1        | t        | +        |
|            | 46       |  | †                                      | 1-                                   | $\vdash$     | ╁╌                                   | 1-                                     | +            | ╁  | +                                      | 1-             | 1          |          | 96       | T        | $\vdash$   | $t^{-}$  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | ┪        | 1                                      | Н             |      |       | 146         | 1        | +                                      | T        | $\vdash$        | Т              | 1                                      | 1        | T        | †        |
| $\vdash$   | 47       |  | ┪                                      | 1-                                   | <del> </del> | <del> </del>                         | 1-                                     | ┪            | 1  | +-                                     | 1-             |            |          | 97       | 一        | $\vdash$   | ╁  | <del>                                     </del> | ┢  | t  | $\vdash$   | $\vdash$ | $\vdash$                               | H             | }    |       | 147         | +        | 1                                      | †=       | ✝               | 1-             | 1-                                     | t        | †        | +        |
| $\vdash$   | 48       |  | -                                      | ┼                                    | $\vdash$     | -                                    | ┼-                                     | +-           | 1-   | +-                                     | $\vdash$       |            |          | 98       |          | -  | <del> </del>                                     | 1-   | -  | -  |  |          | <del> </del>                           | ┨┤            |      |       | 148         | +-       | +                                      | +        | +               | $\vdash$       | 1                                      | $\vdash$ | $\vdash$ | +-       |
| $\vdash$   | 49       |  | ╁                                      | <del> </del>                         | -            | 1-                                   | <del> </del>                           | <del> </del> | 1  | <del> </del>                           | 1-             |            |          | 90       |          |  | 1-   |  |  |  |  |          | ļ                                      | <del>  </del> |      |       |             | - -      |  | 1        | +               | $\vdash$       | 1-                                     | 1-       | 1        | †-       |
| -          | 50       | <del> </del>                           | <del> </del>                           | <del> </del>                         | <del> </del> | <b>∤</b>                             | -                                      | -            | <del> </del>                                     | <del> </del>                           | <del> </del> - | {          |          | 99       |          | -  | -  | <del> </del>                                     | -  | <del> </del>                                     |  |          | 1-                                     | 1-1           |      |       | 149<br>150  |          | -                                      |          | <del> </del>    | <b></b>        | <del> </del>                           | 1-       | 1-       | +-       |
| _          | 120      | ــــــــــــــــــــــــــــــــــــــ | ــــــــــــــــــــــــــــــــــــــ | ــــــــــــــــــــــــــــــــــــ | 4            | ــــــــــــــــــــــــــــــــــــ | ــــــــــــــــــــــــــــــــــــــ | .1           | ــــــــــــــــــــــــــــــــــــــ           | ــــــــــــــــــــــــــــــــــــــ | ا              | J f        |          | 1.00     | 3        | ا  | 1  | ــــــــــــــــــــــــــــــــــــــ           | ٠  | ٠  | ٠  | ــــا    | ــــــــــــــــــــــــــــــــــــــ | لنسة          | ı    | _     | 1.59        |          | ــــــــــــــــــــــــــــــــــــــ | 1        | <u> </u>        | <u> </u>       | ــــــــــــــــــــــــــــــــــــــ | Ь        | ۰        | ٠.       |

If more than 150 claims or 10 actions staple additional sheet here

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